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Product Description

**4.55mm Hesco Concertainer Inserted Bastion**

Spec. No. 455HCIB Issue 1

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**Manufacture**

**Inserted** Concertainer Bastions shall be manufactured from a hard drawn steel wire formed into a bi-axial mesh grid by electrically welding the cross wires at every intersection.  
 Inserted Concertainer bastions: to be factory assembled with helicals on vertical joints, and pre cut and folded non- woven geotextile liner permanently fixed to inner faces.  
 Additional internal diaphragms to the face of the bastion shall be provided to facilitate stone filling. Additional transverse mesh diaphragms shall be provided to facilitate stone filling and act as drainage paths.

**Mesh Size**

Mesh opening shall be square of nominal dimension of 75mm on the grid.

**Wire Diameter**

Nominal wire diameter shall be 4.55mm to BS 1052.

**Corrosion Protection**

Wire shall be Bezinal coated (95% Zinc 5% Aluminium) having an average minimum coating weight of 350g/sq m.

**Durability**

60 years life expectancy in a mild environment provided the geotextile liner is totally obscured from direct sunlight.

**Jointing**

Bastions shall be provided with locking pins for assembly and with lacing wire of nominal wire diameter 2.5mm (all in accordance with the corrosion specified) for final jointing.

**Bastion fill**

Bastion fill shall be a compactable granular material, deposited into the mid third of the unit before evenly spreading across the Bastion, in layers not exceeding 300mm. The fill to be well compacted before subsequent layers are added.

**Health & Safety**

All joints on the face of the structure are to be snagged to ensure no cut ends of mesh or wire is exposed to cause injury or damage to clothing.